

## DECLARATION FOR PATENT APPLICATION

Case Docket No. 2002R167A

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CONTROLLING SOLIDS FLOW IN A GAS-SOLIDS REACTOR**

the specification of which is attached hereto unless the following box is checked:

☐ was filed on \_\_\_\_\_ as Application Serial No. or PCT International Application No.  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed  
Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)
_____	_____

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Serial No.)	(Filing Date)	(Status)
<u>10/313,253</u>	<u>December 6, 2002</u>	<u>Pending</u>
_____	_____	(Status = patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status)
_____	_____	(Status = patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

NAMES	REGISTRATION NUMBERS	NAMES	REGISTRATION NUMBERS
Leonardo Archederra	52,457	Luisinda Lomas	51,964
Catherine L. Bell	15,444	Louis N. Moreno	44,953
Keith A. Bell	30,021	Stephen D. Prodman	43,020
C. Milton Fink	33,383	Tom F. Pruitt	30,317
Andrew B. Griffin	36,336	Frank E. Reid	37,918
John F. Hunt	29,394	Dennis P. Santini	26,079
Rick P. James	48,772	C. Faig Schmidt	38,556
Linda A. Kuback	42,772	James Shor	34,726
Bradley A. Keller	37,654	Edward P. Sherer	29,588
Mandi B. Millbank	50,853	Darryl M. Tyus	40,853
Paul T. LaVoie	38,681	Maria C. Walsh	37,958
		Philip G. Wou	45,234

Case Docket No. 2002B167A

<b>SEND CORRESPONDENCE TO:</b> ExxonMobil Chemical Company Law Technology P.O. Box 2149 Baytown, Texas 77522-2149	<b>DIRECT TELEPHONE CALLS TO:</b> (Name and Telephone No.) Paul T. LaVoie (281) 834-5080 Facsimile No. (281) 834-2495
---	---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR	LAST NAME SMITH	FIRST NAME JEFFREY	MIDDLE NAME S.
RESIDENCE & CITIZENSHIP	CITY SEABROOK	STATE OR FOREIGN COUNTRY TEXAS	COUNTRY OF CITIZENSHIP UNITED STATES
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2541 DU LAC TRACE	CITY SEABROOK	STATE OR COUNTRY TEXAS
			ZIP CODE 77541

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME LATTNER	FIRST NAME JAMES	MIDDLE NAME RICHARDSON
RESIDENCE & CITIZENSHIP	CITY SEABROOK	STATE OR FOREIGN COUNTRY TEXAS	COUNTRY OF CITIZENSHIP UNITED STATES
POST OFFICE ADDRESS	POST OFFICE ADDRESS 4147 CROWNWOOD	CITY SEABROOK	STATE OR COUNTRY TEXAS
			ZIP CODE 77586

Inventor's signature \_\_\_\_\_

Date 7/15/03

FULL NAME OF INVENTOR	LAST NAME CLEM	FIRST NAME KENNETH	MIDDLE NAME R.
RESIDENCE & CITIZENSHIP	CITY HUMBLE	STATE OR FOREIGN COUNTRY TEXAS	COUNTRY OF CITIZENSHIP UNITED STATES
POST OFFICE ADDRESS	POST OFFICE ADDRESS 7407 PINE GREEN LANE	CITY HUMBLE	STATE OR COUNTRY TEXAS
			ZIP CODE 77346

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME LOEZOS	FIRST NAME PETE	MIDDLE NAME N.
RESIDENCE & CITIZENSHIP	CITY HOUSTON	STATE OR FOREIGN COUNTRY TEXAS	COUNTRY OF CITIZENSHIP UNITED STATES
POST OFFICE ADDRESS	POST OFFICE ADDRESS 7171 BUFFALO SPEEDWAY	CITY HOUSTON	STATE OR COUNTRY TEXAS
			ZIP CODE 77025

Inventor's signature \_\_\_\_\_

Date 7/18/03

FULL NAME OF INVENTOR	LAST NAME COUTE	FIRST NAME NICOLAS	MIDDLE NAME P.	
RESIDENCE & CITIZENSHIP	CITY HOUSTON	STATE OR FOREIGN COUNTRY TEXAS	COUNTRY OF CITIZENSHIP FRANCE	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 16514 SCENIC PEAKS COURT	CITY HOUSTON	STATE OR COUNTRY TEXAS	ZIP CODE 77059

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME PATEL	FIRST NAME RUTTON	MIDDLE NAME D.	
RESIDENCE & CITIZENSHIP	CITY ARLINGTON	STATE OR FOREIGN COUNTRY VIRGINIA	COUNTRY OF CITIZENSHIP UNITED STATES	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2228 N. QUEBEC STREET	CITY ARLINGTON	STATE OR COUNTRY VIRGINIA	ZIP CODE 22207

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

*Rutton D. Patel*

*July 16, 2003*

JUL-17-2003 11:35

EXXON CHEMICAL

281 834 1904 P.14

## DECLARATION FOR PATENT APPLICATION

Case Docket No. 1002B167A

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I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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(Application Serial No.)	(Filing Date)	Pending
<u>10/313,251</u>	<u>December 6, 2002</u>	<u>Pending</u>
_____	_____	(Sunk - granted, pending, abandoned)
_____	_____	(Sunk - patented, pending, abandoned)

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Linda A. Kubers	42,772	James Sher	34,726
Bradley A. Keller	37,654	Edward F. Sherer	29,588
Mandi B. Milbank	50,853	Darryl M. Tyus	40,853
Paul T. LeVie	38,631	Maria C. Walsh	37,959
		Phillip G. Woo	45,234

JUL-17-2003 11:35

EXXON CHEMICAL

2B1 834 1904 F.15

Case Docket No. 2002B167A

## SEND CORRESPONDENCE TO:

ExxonMobil Chemical Company  
Law Technology  
P.O. Box 2149  
Baytown, Texas 77522-2149

## DIRECT TELEPHONE CALLS TO:

(Name and Telephone No.)  
Paul T. LaVoie  
(281) 834-5080  
Facsimile No. (281) 834-2495

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POST OFFICE ADDRESS	POST OFFICE ADDRESS 2541 DU LAC TRACE	CITY SEABROOK	STATE OR COUNTRY TEXAS
			ZIP CODE 77541

Inventor's signature Date 7/12/03

FULL NAME OF INVENTOR	LAST NAME LATTNER	FIRST NAME JAMES	MIDDLE NAME RICHARDSON
RESIDENCE & CITIZENSHIP	CITY SEABROOK	STATE OR FOREIGN COUNTRY TEXAS	COUNTRY OF CITIZENSHIP UNITED STATES
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Inventor's signature Date 7/15/03

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Inventor's signature \_\_\_\_\_

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**Inventor's signature**

Date \_\_\_\_\_

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Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

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			ZIP CODE 77586

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME CLEM	FIRST NAME KENNETH	MIDDLE NAME R.
RESIDENCE & CITIZENSHIP	CITY HUMBLE	STATE OR FOREIGN COUNTRY TEXAS	COUNTRY OF CITIZENSHIP UNITED STATES
POST OFFICE ADDRESS	POST OFFICE ADDRESS 7407 PINE GREEN LANE	CITY HUMBLE	STATE OR COUNTRY TEXAS
			ZIP CODE 77346

Inventor's signature Kenneth P. ClemDate July 17, 2003

FULL NAME OF INVENTOR	LAST NAME LOEZOS	FIRST NAME PETE	MIDDLE NAME N.
RESIDENCE & CITIZENSHIP	CITY HOUSTON	STATE OR FOREIGN COUNTRY TEXAS	COUNTRY OF CITIZENSHIP UNITED STATES
POST OFFICE ADDRESS	POST OFFICE ADDRESS 7171 BUFFALO SPEEDWAY	CITY HOUSTON	STATE OR COUNTRY TEXAS
			ZIP CODE 77025

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_



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Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME PATEL	FIRST NAME RUTTON	MIDDLE NAME D.	
RESIDENCE & CITIZENSHIP	CITY ARLINGTON	STATE OR FOREIGN COUNTRY VIRGINIA	COUNTRY OF CITIZENSHIP UNITED STATES	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2228 N. QUEBEC STREET	CITY ARLINGTON	STATE OR COUNTRY VIRGINIA	ZIP CODE 22207

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_